

IN THE SPECIFICATION

Please insert the following paragraph on page 1 after the title of the invention and before the "Technical Field":

--RELATED APPLICATION

This application is a national phase of PCT/JP2005/004443 filed on March 14, 2005, which claims priority from Japanese Application No. 2004-074254 filed on March 16, 2004, the disclosures of which Applications are incorporated by reference herein. The benefit of the filing and priority dates of the International and Japanese Applications is respectfully requested.--

The following paragraphs will replace all prior versions of them in the specification of the application.

1) In paragraph [0011], please make the following amendment:

[0011]

~~In the lithium secondary battery, it is preferred that the~~ The organic peroxide be is at least one selected from the group consisting of hydroperoxides, dialkylperoxides, peroxy esters, diacylperoxides, peroxyketals, and ketone peroxides.

2) In paragraph [0013], please make the following amendment:

[0013]

~~In the lithium secondary battery~~ When the organic peroxide is included in the non-aqueous electrolyte, it is preferred that the organic peroxide account for 0.1 to 5 % by weight of the non-aqueous electrolyte.

3) In paragraph [0034], please make the following amendment:

[0034]

~~Exemplary organic peroxides include~~ The organic peroxide includes at least one selected from the group consisting of hydroperoxides, dialkylperoxides, peroxy esters, diacylperoxides, peroxyketals, and ketone peroxides. ~~These organic peroxides may be used singly or in combination of two or more of them.~~